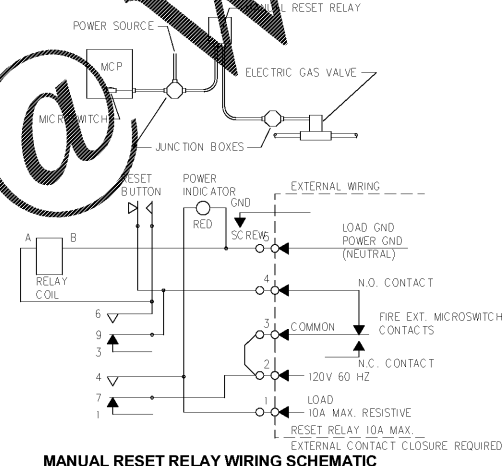
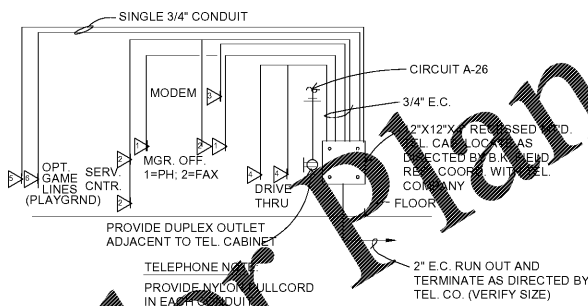


ALL ELECTRIC SERVICES TO KITCHEN EQUIPMENT SHALL BE OVERHEAD

NOTE: CONTRACTOR SHALL VERIFY ALL FEEDER SIZES PRIOR TO CONSTRUCTION

ELECTRICAL DISTRIBUTION PANELS, MASTER CONTACTOR PANEL AND MANUAL ON/OFF PANEL MAY BE PURCHASED AS A LOOSE GEAR PACKAGE THROUGH:
 SUNCOAST ENVIRONMENTAL CONTROLS, INC.
 8566 115TH AVENUE NORTH
 LARGO, FLORIDA 34643
 PHONE (877) 544-6679



M

LOCATION: SUPPLY FROM: MOUNTING: RECESSED ENCLOSURE: Type 1

VOLTS: 208Y/120 PHASES: 3 WIRES: 4

A.I.C. RATING: 42,000 MAINS TYPE: MCB MAINS RATING: 600 A BUS RATING: 600 A

#	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	#	
1	PANEL A	200 A	3	6453	14178	7006	11574	3	200 A	PANEL B	2
3	RTU-1#	60 A	3	6125	8179	6125	8179	3	150 A	(PROD. MODULE A) - PANEL D	4
9	RTU-3#	60 A	3	6365	6365	6365	6365	3	60 A	RTU-2#	8
11	RTU-4#	60 A	3	6125	4203	6125	4203	3	45 A	SUNDAE MACHINE 15.27	10
13	EXHAUST FAN EF-1 23.77	20 A	2	832	0	832	0	1	20 A	SPARE	12
15	EXHAUST FAN EF-2 33.68	20 A	2	832	0	832	0	1	20 A	SPARE	14
17	COOLER CONDENSER 40.05#	25 A	2	1464	2080	1464	2080	1	30 A	FRZN BLDG CONDENSER 15.64	16
19	FREEZER CONDENSER#	20 A	3	1181	182	1181	182	2	15 A	COOLER EVAP 40.05	18
21									2 A	FREEZER EVAP 40.05	20
23											22
25											24
27											26
29											28
31											30
33											32
35											34
37											36
39											38
41											40
42											42

TOTAL CONNECTED LOAD: 61023 VA 63418 VA 66384 VA
 TOTAL CONNECTED AMPS: 509 A 532 A 556 A

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
HVAC	78264 VA	100.00%	78264 VA	TOTAL CONNECTED LOAD: 190769 VA
Kitchen Equipment - Non-Dwelling Unit	77893 VA	70.00%	54530 VA	TOTAL ESTIMATED DEMAND: 155124 VA
Other	720 VA	100.00%	720 VA	TOTAL CONNECTED AMPS: 530 A
Receptacle	29140 VA	67.10%	19570 VA	CALCULATED DEMAND AMPS: 431 A
Lighting	755 VA	100.00%	754 VA	

NOTES:
 # - PROVIDE WITH HACR TYPE BREAKER
 ## - PROVIDE SHUNT TRIP DEVICE IF CIRCUIT IS NOT FEEDING A CONTACT IN THE ANSUL PANEL

A

LOCATION: SUPPLY FROM: MOUNTING: RECESSED ENCLOSURE: Type 1

VOLTS: 208Y/120 PHASES: 3 WIRES: 4

A.I.C. RATING: 10,000 MAINS TYPE: MLO MAINS RATING: 200 A BUS RATING: 200 A

#	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	#		
1	SPARE	20 A	1	0	273	0	0	1	20 A	DINING ROOM LIGHTS	2	
3	SPARE	20 A	1	0	0	860	0	1	20 A	DINING ROOM LIGHTS	4	
5	SPARE	20 A	1	0	720	0	837	1	20 A	KITCHEN AREA LIGHTS	6	
7	SPARE	20 A	1	0	720	0	0	1	20 A	OCU/CREDIT CARD SWIPE	8	
9	SPARE	20 A	1	0	720	0	0	1	20 A	DIGITAL MENU BOARD	10	
11	KNOR BOX	20 A	1	0	0	720	180	1	20 A	RESTROOM LIGHTS/SEF-3	12	
13	DRIVE THRU MENU SIGN	20 A	1	720	0	0	0	1	20 A	SPARE	14	
15	CHANNEL LETTERS/LOGO##	20 A	1	0	1200	466	0	1	20 A	KITCHEN/SERVICE/OFFICE LTS	16	
17	CHANNEL LETTERS/LOGO##	20 A	1	0	180	0	1200	360	1	20 A	SMOKE DETECTOR ALRM PNL	18
19	SPARE	20 A	1	0	180	0	0	1	20 A	SAFE 70.03	20	
21	RED LED LTG LOGO##	20 A	1	0	720	720	0	1	20 A	RELAY PANEL	22	
23	REC - LAPTOP TABLE	20 A	1	0	0	720	720	1	20 A	EXTERIOR BUILDING LIGHTS##	24	
25	REC - LAPTOP TABLE	20 A	1	180	1260	0	0	1	20 A	TELEPHONE REC	26	
27	EXTERIOR BUILDING LIGHTS##	20 A	1	0	240	1080	0	1	20 A	DINING RECEPT	28	
29	CLIFRZR LTS/DR HT	20 A	1	0	0	400	540	1	20 A	KITCHEN RECEPT	30	
31	ROOF/EXTERIOR RECEPT	20 A	1	900	0	0	0	1	20 A	SPARE	32	
33	SERVICE COUNTER/CORR	20 A	1	0	540	0	0	1	20 A	SPARE	34	
35	DIT SP/D/SRV #80G CAMERA	20 A	1	0	0	540	720	1	20 A	OFFICE RECEPTACLES	36	
37	SPARE	20 A	1	1320	900	0	0	1	20 A	OFFICE RECEPTACLES	38	
39	PRESS. BOOSTER PUMP	20 A	3	0	1320	0	0	1	20 A	SPARE	40	
41									1	20 A	POS	42

TOTAL CONNECTED LOAD: 6453 VA 7906 VA 7713 VA
 TOTAL CONNECTED AMPS: 54 A 67 A 66 A

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Kitchen Equipment - Non-Dwelling Unit	400 VA	100.00%	400 VA	TOTAL CONNECTED LOAD: 22072 VA
Other	720 VA	100.00%	720 VA	TOTAL ESTIMATED DEMAND: 20160 VA
Receptacle	16200 VA	80.86%	13100 VA	TOTAL CONNECTED AMPS: 61 A
Lighting	4752 VA	125.00%	5940 VA	CALCULATED DEMAND AMPS: 56 A

NOTES:
 # - PROVIDE WITH GROUND FAULT CIRCUIT INT. TYPE BREAKER
 ## - ROUTE THRU LIGHTING CONTROLS

B

LOCATION: SUPPLY FROM: MOUNTING: RECESSED ENCLOSURE: Type 1

VOLTS: 208Y/120 PHASES: 3 WIRES: 4

A.I.C. RATING: 10,000 MAINS TYPE: MLO MAINS RATING: 200 A BUS RATING: 200 A

#	CIRCUIT DESCRIPTION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESCRIPTION	#	
1	ICE/SODA DSPNSR 10.01#	20 A	1	720	500	0	0	1	20 A	HOOD CONTROL & ANSUL	2
3	POS RECEPT IGH#	20 A	1	0	180	900	0	1	20 A	DRIVE THRU STATION 6.72#	4
5	POS RECEPT IGH#	20 A	1	0	0	180	1820	1	20 A	FRY STATION - GEN 4 30.94	6
7	ICE/SODA DSPNSR 11.03#	20 A	1	720	744	0	0	1	20 A	CARBONATOR 10.81	8
9	REAR DOOR BUZZER	20 A	1	0	720	552	0	1	20 A	PROD HOLD FREEZER 32.52#	10
11	DOOR ALARM###	20 A	1	0	0	720	1080	1	20 A	REACH IN FREEZER 52.73#	12
13	WATER HEATER#	20 A	1	300	420	0	0	1	20 A	BROLER 24.44#	14
15	SERVICE CTIDT RECEPT#	20 A	1	0	180	2402	0	1	20 A	SPARE	16
17	TEACOFFEE BREWER 17.56#	20 A	1	0	0	1680	2402	3	30 A	MINI COMBI OVEN STEAMER 36.72	18
19	ICE#	20 A	1	180	2402	0	0	1	20 A	SPARE	20
21	CARBONATOR 10.81#	20 A	1	744	0	0	0	1	20 A	SHUNT TRIP	22
23	CARBONATOR 10.81#	20 A	1	744	0	744	1456	2	25 A	ICE MACHINE	24
25	3-BANK FRYER 31.53#	20 A	1	1200	1456	0	0	1	20 A	SPARE	26
27	REACH IN REFRIG 53.55#	20 A	1	0	300	0	0	1	20 A	SPARE	28
29	P6005-HWS SENSOR	20 A	1	0	0	180	0	2	15 A	ICE MACHN CNDNSG UNIT 16.54	30
31	AIR CURTAIN	20 A	1	1500	936	0	0	2	20 A	MULTI PROD HOLDING UNIT 51.39	32
33	AIR CURTAIN	20 A	1	1500	936	0	0	2	20 A	SPARE	34
35	AIR CURTAIN	20 A	1	1500	936	0	0	2	20 A	MEAT FREEZER 25.12#	36
37	AIR CURTAIN	20 A	1	1500	1000	0	0	1	20 A	HAND DRYER	38
39	ICE MACHINE 16.16	20 A	1	1454	1600	0	0	1	20 A	HAND DRYER	40
41	BLENDER 19.82#	20 A	1	0	1032	864	0	1	20 A	DISPOSAL CADDY 93.91#	42

TOTAL CONNECTED LOAD: 14178 VA 11574 VA 14670 VA
 TOTAL CONNECTED AMPS: 121 A 96 A 126 A

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Kitchen Equipment - Non-Dwelling Unit	27482 VA	65.00%	17863 VA	TOTAL CONNECTED LOAD: 40422 VA
Receptacle	12940 VA	88.64%	11470 VA	TOTAL ESTIMATED DEMAND: 29333 VA
				TOTAL CONNECTED AMPS: 112 A
				CALCULATED DEMAND AMPS: 81 A

NOTES:
 # - PROVIDE WITH GROUND FAULT CIRCUIT INT. TYPE BREAKER
 ## - PROVIDE WITH GFCI TYPE BREAKER & ISOLATED GROUND CONDUCTOR
 ### - PROVIDE WITH CIRCUIT BREAKER LOCK

Order Plans

ROBERISON LOIA ROOF ARCHITECTS & ENGINEERS
 3460 Preston Ridge Road, Suite 275, Alpharetta, GA, 30005
 770.654.2400
 GA COA #PEE006562 EXPIRES 06/30/2022

REGISTERED PROFESSIONAL ENGINEER
 No. 24653
 SCOTT E. WALKER
 12/03/2020

PALMETTO BURGER KING
 3765 ROOSEVELT HWY, PALMETTO, GA.
 FOR: JP DESIGN & CONSTRUCTION JACKSON, GA

REVISIONS

1	12/03/2020	PLAN REVIEW COMMENTS
---	------------	----------------------

RISER AND PANEL SCHEDULES

DATE: 10-30-20
 PROJECT NUMBER: 20-197

SHEET NUMBER: E-6.0